

Offshore Crane

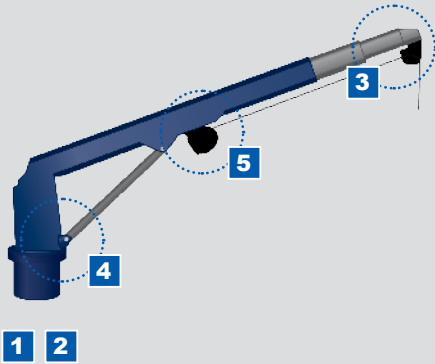
➤ **Direct load measurement – system for overload protection**



➤ **Requirements & features**

- Monitoring of the maximum load
- Visualization to display relevant values and parameters
- Utilisation
- Support of operation mode selection
- Operating hours counter
- Data logger
- Hoist limiting
- Support of the operating modes:
 - MOPS function by digital inputs and outputs
 - AOPS function by digital outputs
- Visualization by panel
- Warning indicator
- Slack rope indication
- Pivoting range monitoring system
- Limit value monitoring (SWL and cut-off limit)
- Capacity limiter
- Recognition of the dead-man's switch
- Measurement of the system pressures
- External, customer-specific CAN communication

Product solution



Hardware	
Controllers	1 cSCALE IP20 or IP66/67
Consoles	2 vSCALE C2 or vSCALE D3
Sensors	3 fSENS F53x8 or fSENS F73x1
	4 pSENS DAVC
	5 gSENS LWG
Software	
Load indication	Graphical console application
	Data logger



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We make lifting loads safer!

As an experienced specialist, we have spent many years providing reliable safety solutions for lifting loads, setting innovative standards in the process and ensuring dependable communication between machines and their operators, particularly in harsh environments.

By developing application software, mobile controllers and robust sensors, we ensure that our customers benefit

from maximum safety and equipment uptime.

We are system integrators, supporting our customers through all project phases: from analysis and concept evaluation, through system design and project planning to prototype testing and field launches. Our safety experts support certification processes and are available for seamless life cycle management.